

Lake District National Park

Forecast valid from 06:00 on Monday 26 Feb 2024 until 23:59 on Tuesday 27 Feb 2024
Forecast Issued on Monday 26 Feb 2024 at 02:06

Confidence: High for mainly dry but cold weather on Monday then generally high for the rest of the week with conditions turning increasingly unsettled. Lower for exact timings of weather fronts from Tuesday.

Headline for Monday 26 Feb 2024: Dry and bright but feeling cold in the breeze.

Mountain weather hazards on Monday 26 Feb 2024		
Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales No Likelihood	Severe chill effect Medium Likelihood	Poor visibility Low Likelihood
Thunderstorms No Likelihood	Heavy persistent rain No Likelihood	Strong sunlight No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Partly cloudy (night)	Sunny intervals	Cloudy	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability					
<05%	<05%	10%	10%	10%	<05%

Forecast for Monday 26 Feb 2024

Weather: Bright or sunny spells but feeling bitterly cold on the tops in the strong northeasterly breeze which will slowly ease during the afternoon. Isolated light wintry showers are possible but the majority of places staying dry.

Chance of cloud-free hill tops above 800m: 60% to start the day then becoming 90%.

Low cloud and visibility: Mainly very good visibility with clear views. A few patches of cloud shrouding the tops above 600m overnight and to start the morning.

Forecast for Monday 26 Feb 2024

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	38/45 NE	35/41 NE	28/35 NE	21/27 N	15/18 N	6/8 SE	17/20 S
600	26/34 NE	21/26 N	23/30 N	18/24 N	12/18 N	4/6 SE	13/18 SW
300	8/27 N	8/24 N	12/27 N	10/22 N	4/13 N	1/3 SE	5/14 SW
Valley	11/30 N	11/29 N	14/29 NE	9/21 N	4/13 N	3/4 E	3/12 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-12	-3/-12	-2/-10	-1/-8	-1/-7	-1/-4	-2/-8
600	-1/-8	-1/-8	1/-6	2/-4	1/-4	1/-2	-0/-6
300	1/-2	2/-1	4/0	5/2	3/1	1/-1	1/-2
Valley	4/-0	4/0	7/3	7/4	5/4	4/3	4/2
Freezing Level*	400m	400m	600m	600m	600m	500m	400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A bright day but feeling bitterly cold with temperatures below freezing on the tops combined with a strong northeasterly breeze.

Forecast for Tuesday 27 Feb 2024

Weather: Dry overnight with a frost but cloud increasing by dawn. A cloudy day with outbreaks of rain arriving from the northwest with sleet or snow above 400m becoming confined to ground above 800m in the afternoon. Rain, sleet and snow will clear around late afternoon followed by a few showers, wintry on the tops.

Maximum wind: West or southwest 10 to 15mph increasing to 25 to 30mph gusts 45mph.

Chance of cloud-free hill tops above 800m: 70% at first, becoming 10% during the morning, then 70% from late afternoon.

Low cloud and visibility: Mainly good visibility at first with patchy summit cloud. Conditions deteriorate during the morning with extensive cloud and fog and sleet or snow above 400m giving some difficult navigation. Visibility becoming mainly good again late afternoon with brief deteriorations in the showers.

Temperature: **Valleys:** 0C rising to Plus 4C by dawn then 7 or 8C by afternoon.
At 800m: Minus 2C rising to Plus 2C in afternoon.
Freezing level: 400m then rising above summits by early afternoon, falling to 900m later.

Ground Conditions Supplement

Date: Sunday 25 February 2024. Location: Helvellyn summit at 12:27. Full report: A generally fine day with plenty of morning sunshine and cloud building up by early afternoon shrouding some of the higher fells. The snowline is around 600m and although snow cover is thin, drifts up to 50cm deep are present in sheltered areas, notably around north and east-facing corrie rims where small cornices are developing. Sunny south-facing slopes have lost the most snow cover over the past couple of days, and are often a mixture of snow and exposed ground, whereas shaded north-facing slopes still have more continuous cover. Steep and exposed routes such as the Helvellyn edges are in winter condition although with plenty of exposed rock. The snow on popular routes (such as these) has been compressed and is now quite icy, requiring care and good judgment. Microspikes are advisable as a minimum. Similar conditions are forecast tomorrow with sub-zero temperatures on the higher fells. Full winter clothing (warm and waterproof) including hats and gloves, and equipment including a map, compass, and headtorch are all essential. For anyone attempting routes over steep and exposed ground, an ice axe and crampons/microspikes are strongly recommended. Temperature: minus 0.2 C Maximum wind speed 12.5 mph Wind chill: minus 2.9 C Average wind speed: 7.8 mph.

Issued at: 02:06 on Mon 26 Feb 2024